



Board of Directors Finance Committee Meeting North Carolina Turnpike Authority January 11, 2018

Request for Qualifications: Financial Advisor Update

David Roy

Overview

- The advice and counsel of the Financial Advisor will be used in strategic planning, sensitive negotiations, business alternatives, TIFIA financing and other activities of the Authority Board and senior management
- Criteria that must be met:

Prime	Registered Municipal Advisor with the Securities Exchange Commission (SEC) and the Municipal Securities Rulemaking Board (MSRB)
Prime or Subconsultant	Registered Investment Advisor with SEC for bond proceeds, escrows and other funds investment
Prime or Subconsultant	Registered Commodity Trading Advisor with the United States Commodity Futures Trading Commission (CFTC)

Selection Process



Selection Committee:

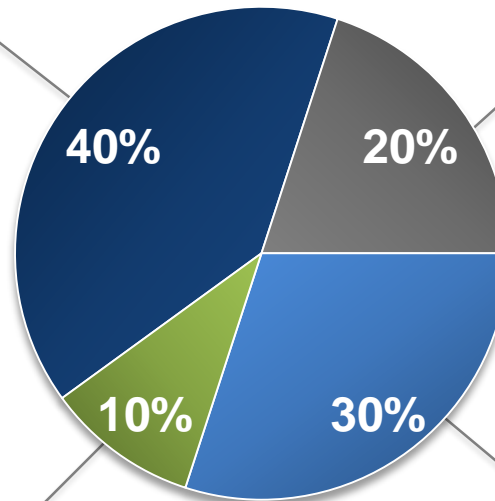
- David Tyeryar, NCDOT CFO
- David Roy, NCTA Director of Finance
- Rodger Rochelle, P.E., NCTA Chief Engineer
- Chuck Watts, NCDOT General Counsel

Selection Criteria

Experience of the firm and identified staff in public finance, especially:

1. transportation & toll applications;
2. complex modeling & forecasting tools;
3. revenue bond & TIFIA financed projects;
4. investment management;
5. refunding escrows; and
6. swap advisory.

Knowledge of NCTA and projects and organizational needs as well as proposed compensation structure.



Action plan and procedures for managing bond sales, feasibility analyses and credit issues.

Success in advising governmental issuers on the issuance of tax-exempt revenue bonds and applying innovative techniques to enhance the success of such issuances.

Financial Advisor Selection Committee Recommendation

- Firms who submitted Statements of Qualifications:
 - PFM Financial Advisors, LLC
 - Public Resources Advisory Group (PRAG)
 - Subconsultants:
 - KPMG Corporate Finance, LLC
 - Kensington Capital
 - Phoenix Capital Partners, LLP

Policy for Adopting Express Lane Tolling Methodologies

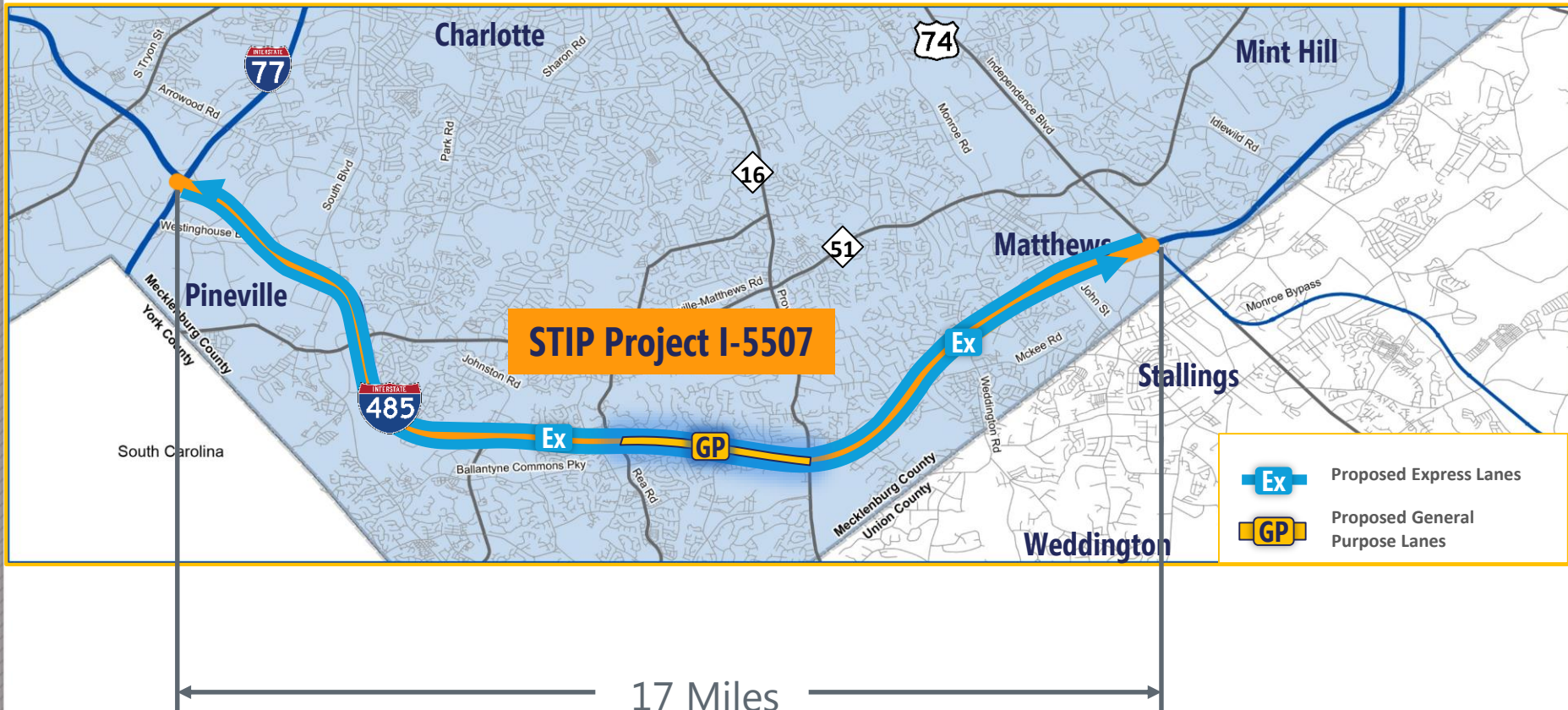
David Roy

Express Lanes Toll Project Update

Charlotte Region Express Lanes (I-485 and US 74)

Rodger Rochelle, P.E.

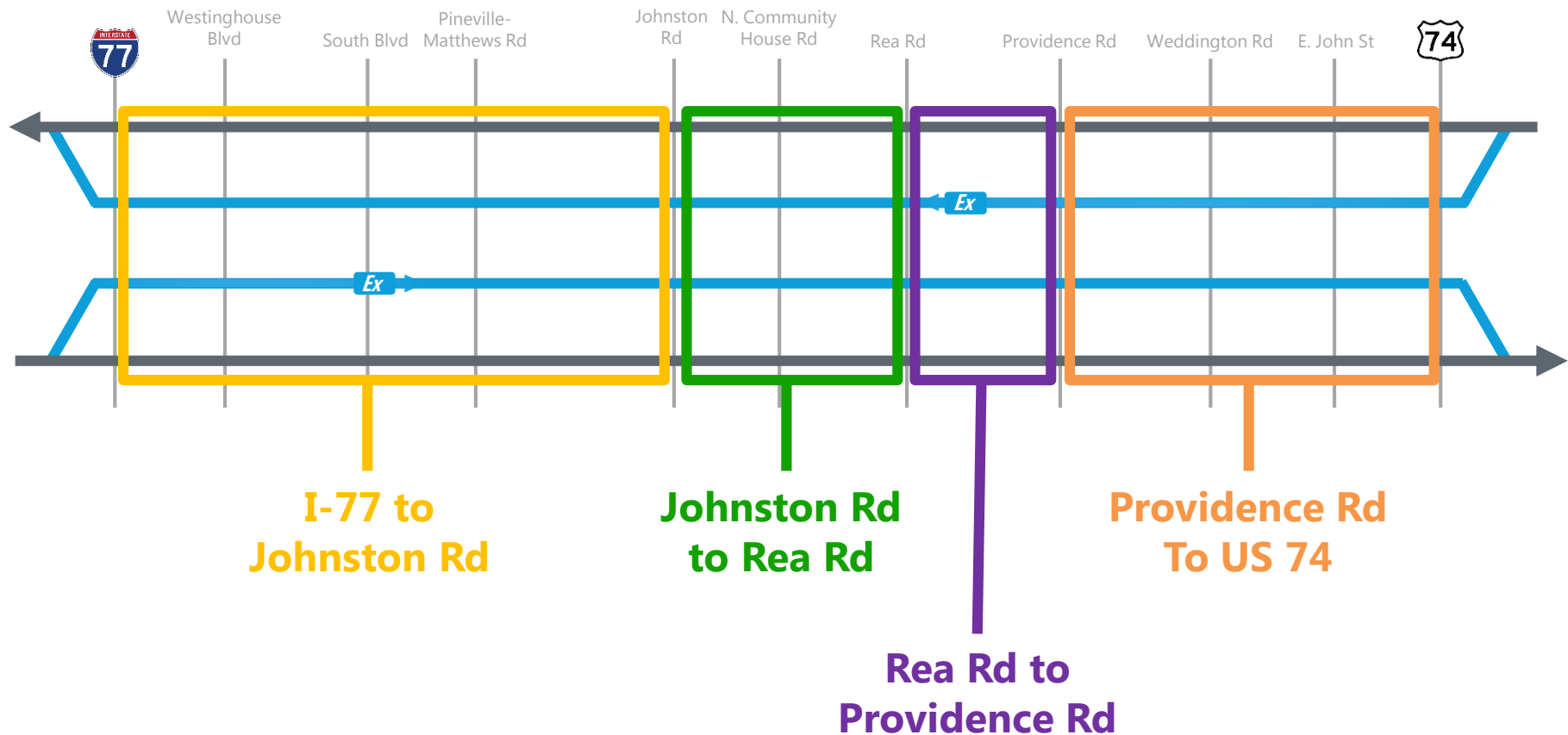
I-485 Express Lanes



I-5507 Project Overview

- I-77 to US 74 (Independence Blvd)
- 17 miles in length
- Proposed improvements include:
 - One new Express Lane in each direction
 - Extension of General Purpose Lane (one lane in each direction) for 2 miles
 - 2 Potential Direct Connectors (At Johnston Road and at Westinghouse Boulevard)
 - Up to six access points in each direction
- Current Estimate \$240M - \$290M

Proposed Typical Sections



I-77 to Johnston Road

EXISTING TYPICAL SECTION
(I-77 TO JOHNSTON ROAD)

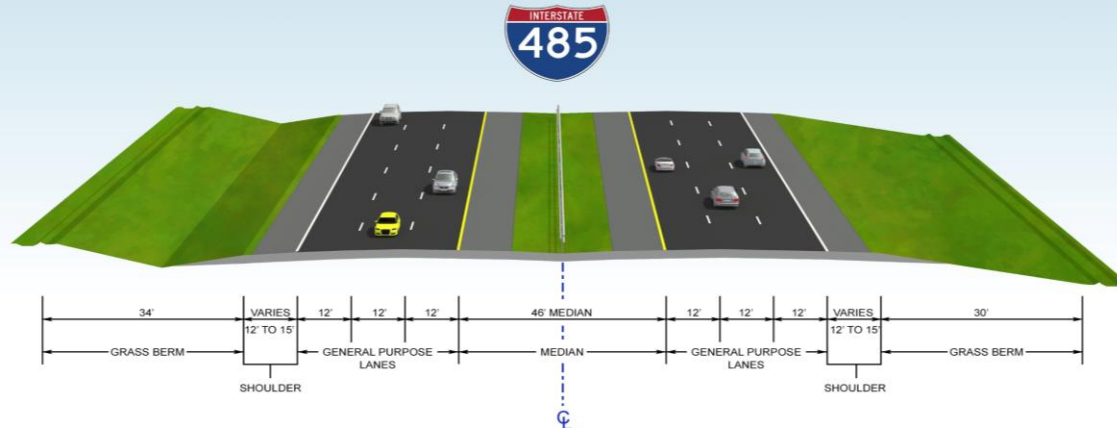


PROPOSED TYPICAL SECTION
(I-77 TO JOHNSTON ROAD)

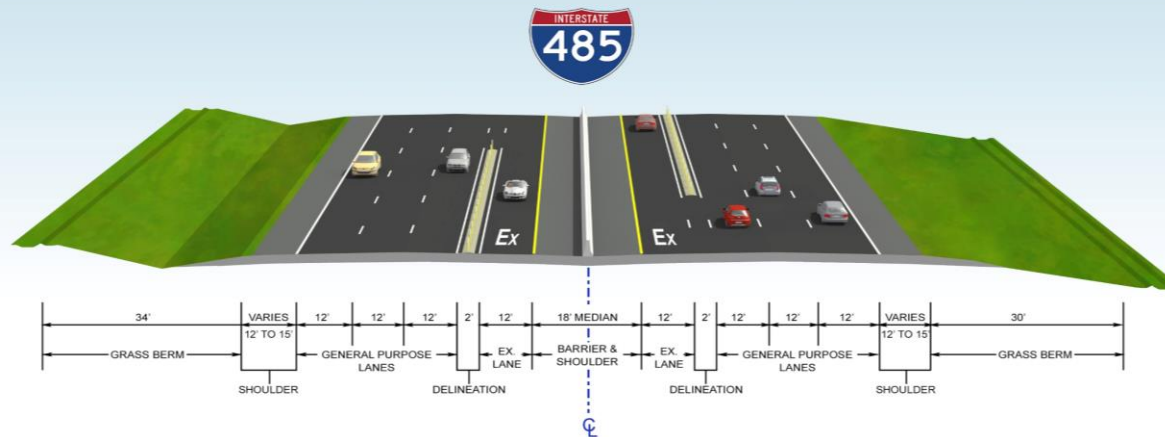


Johnston Road to Rea Road

EXISTING TYPICAL SECTION
(JOHNSTON ROAD TO REA ROAD)



PROPOSED TYPICAL SECTION
(JOHNSTON ROAD TO REA ROAD)



Rea Road to Providence Road

EXISTING TYPICAL SECTION
(REA ROAD TO PROVIDENCE ROAD)



PROPOSED TYPICAL SECTION
(REA ROAD TO PROVIDENCE ROAD)

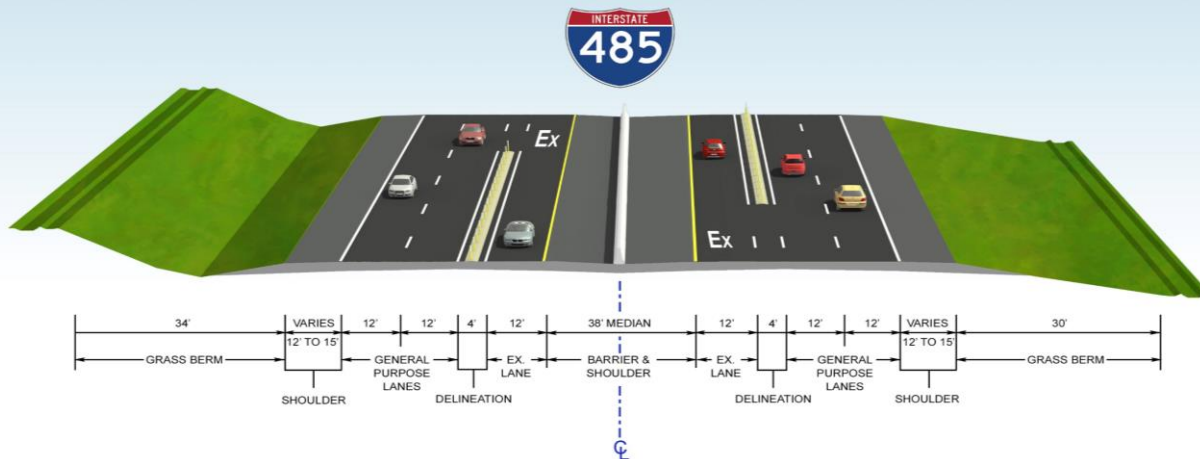


Providence Road to US 74

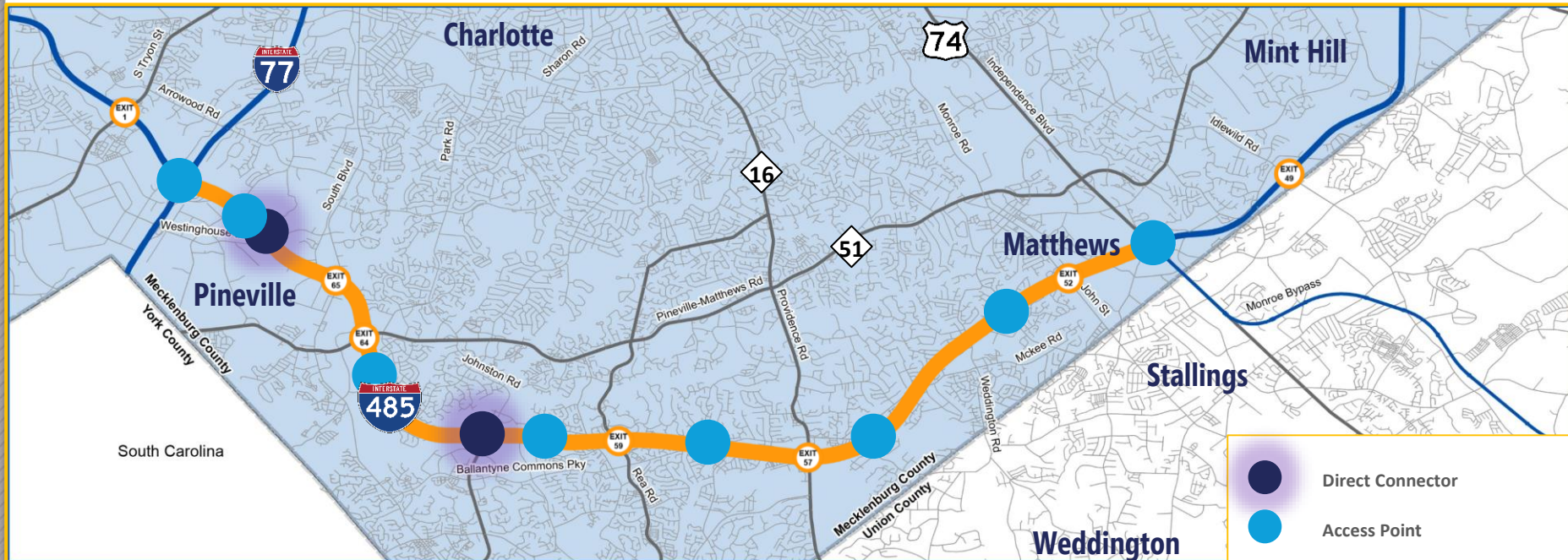
EXISTING TYPICAL SECTION
(PROVIDENCE ROAD TO US 74)



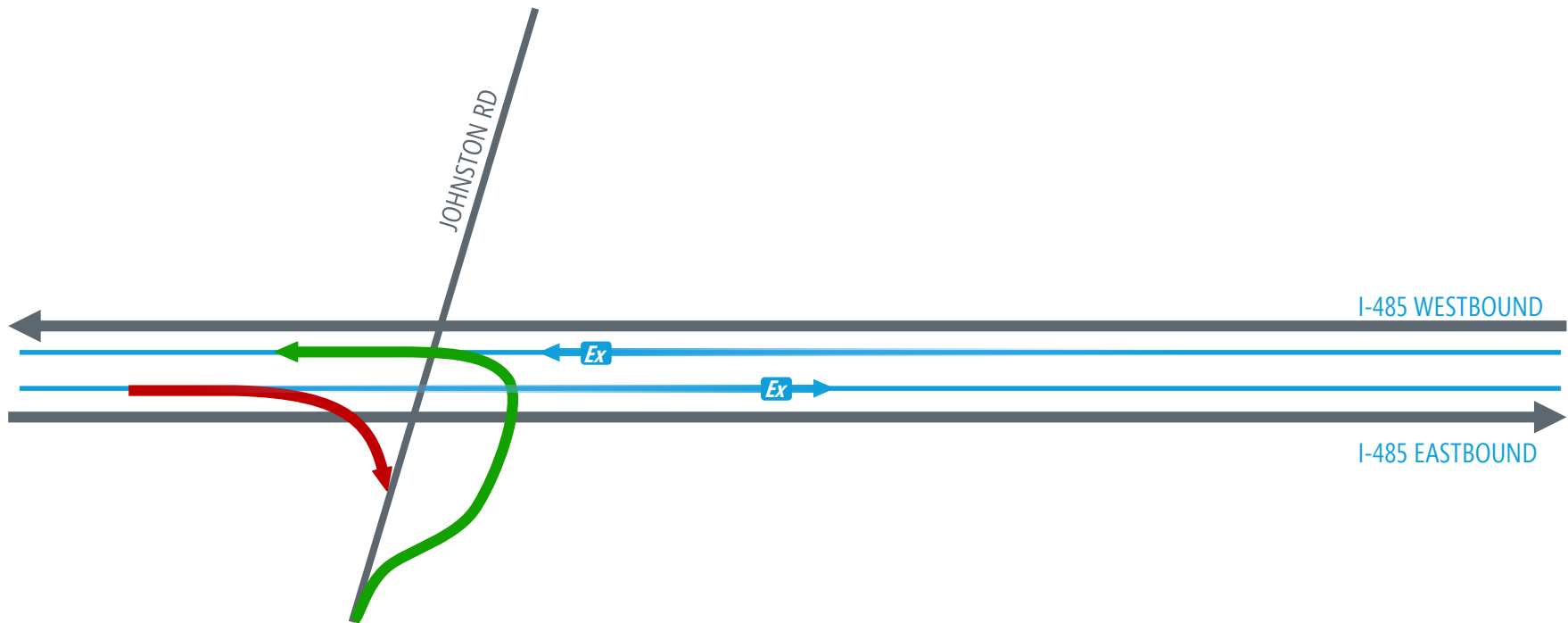
PROPOSED TYPICAL SECTION
(PROVIDENCE ROAD TO US 74)



Potential Direct Connectors and Access Points



Potential Direct Connector at Johnston Rd

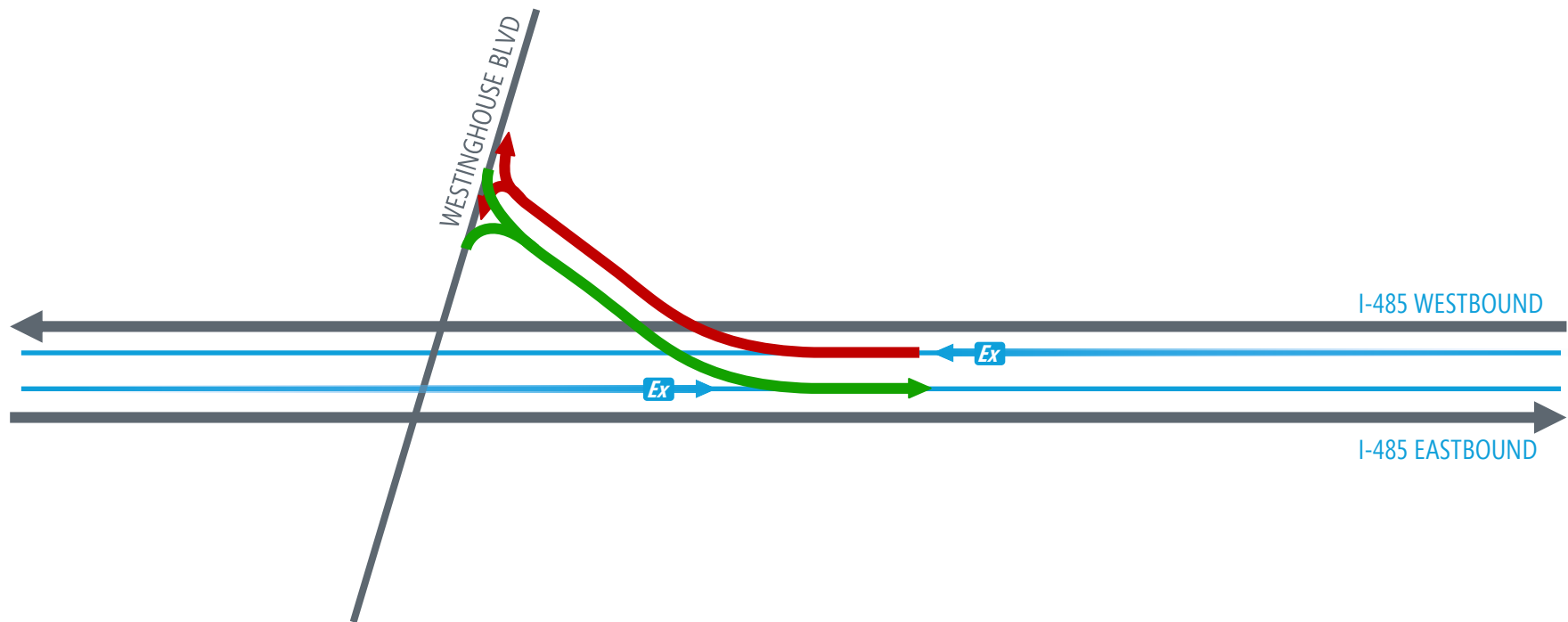


Typical Sections – Direct Connector

POTENTIAL EXPRESS LANE DIRECT CONNECTOR



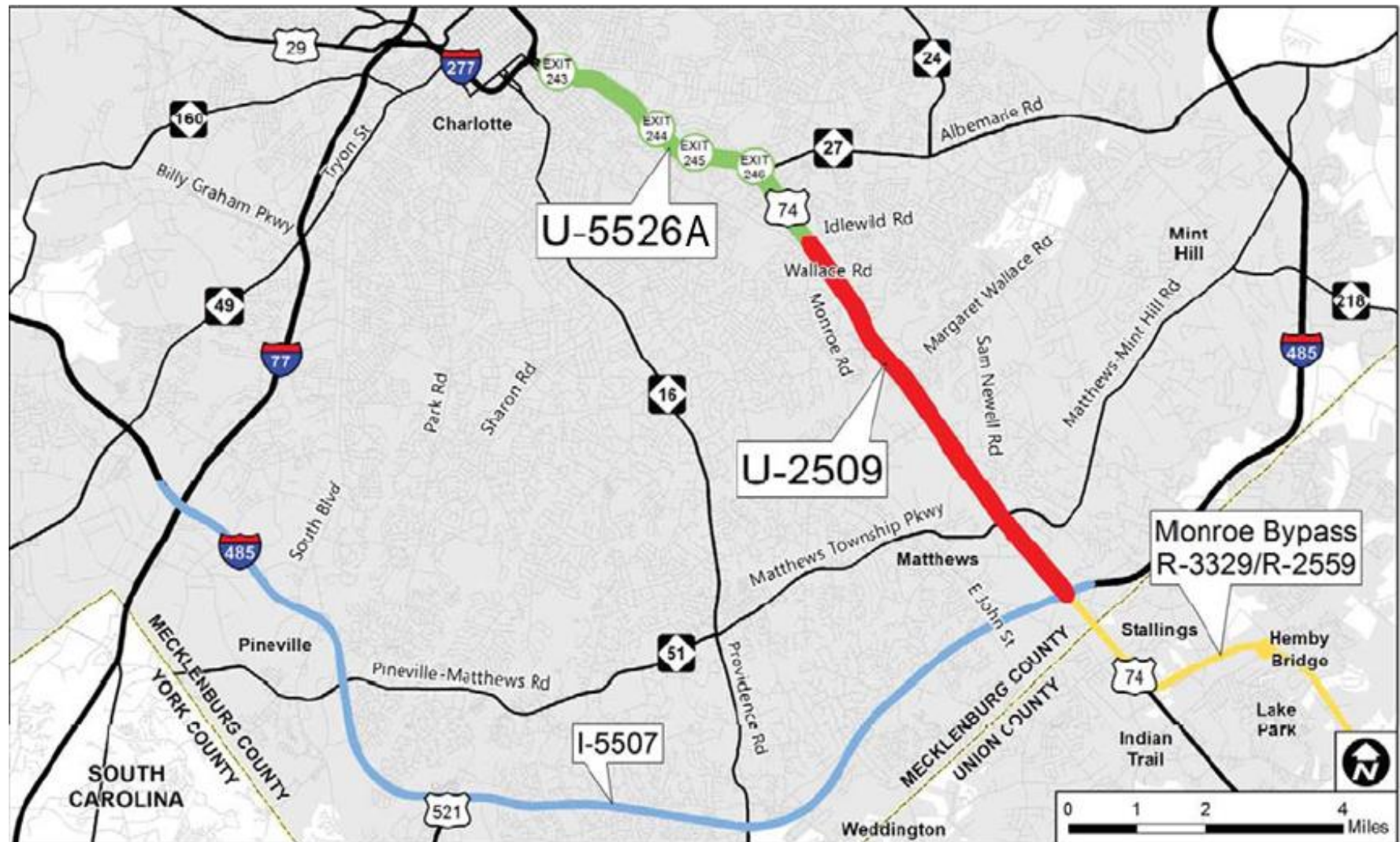
Potential Direct Connector at Westinghouse Blvd.



Potential Direct Connector at Westinghouse Blvd.



US 74 Express Lanes



US 74 Express Lanes

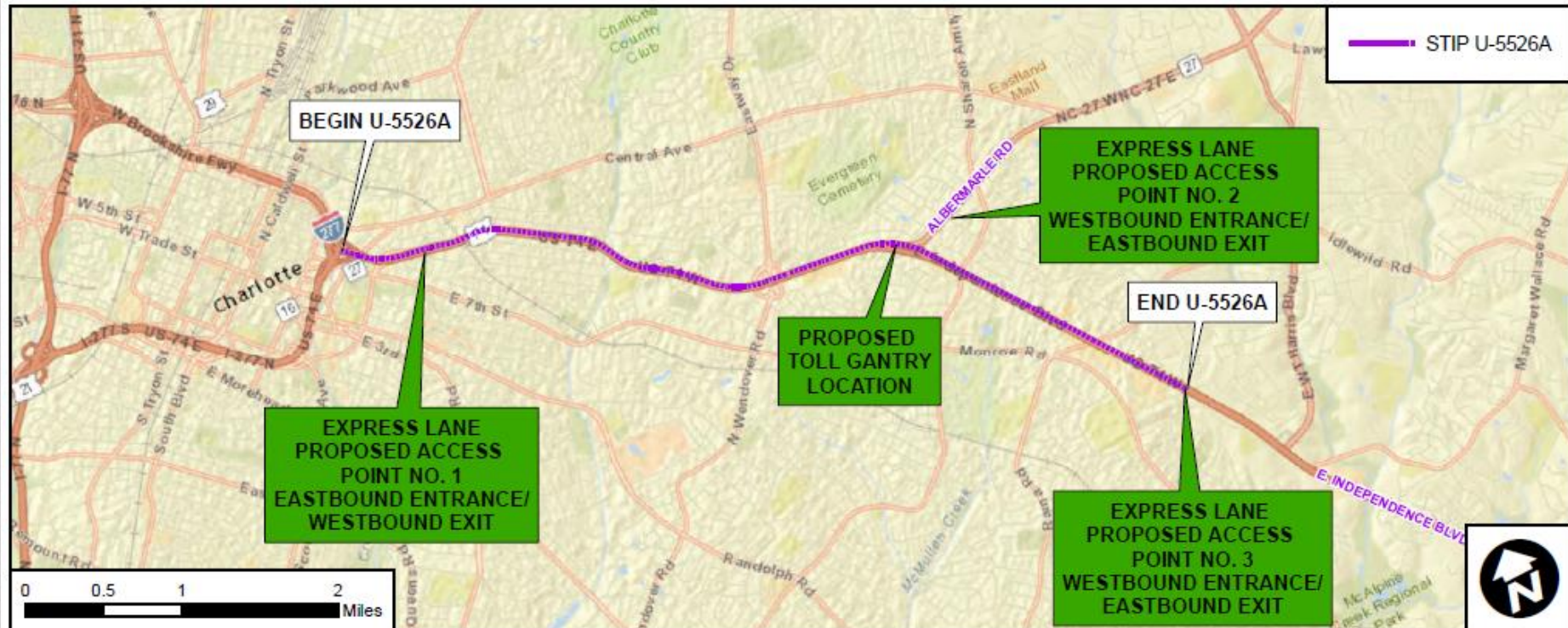
- Currently Two-Directional Busway from I-277 to Sharon Amity Road for 3 miles
- U-209B – 1.5 mile extension
- U-5526A – Converts Busway to reversible Express Lane
- U-2509 – Extends Express Lanes to I-485



U-5526A Key Project Facts

- 5+ miles long, from I-277 to east of Wallace Road
- Conversion of existing Busway to Express Lane (from I-277 to Albemarle Rd., approx. 3 miles)
- Design-Bid-Build project (\$22M)
- Gate-controlled access
- Wrong-way driver detection and notification signs
- One toll location in middle of project with 2 gantries:
 - Short trip: entry from or exit to Albemarle Rd.
 - Long trip: travel entire length of project

U-5526A Ingress and Egress



Current Status

- Independent Assessment
 - Project Benefits & Opportunities
 - Design
 - Public Involvement
 - Toll Policy
 - Financing/ Traffic & Revenue
 - Schedule
 - Toll Collection Systems
 - ITS and AET Infrastructure
 - Ingress/Egress
 - Signing
 - Operations & Maintenance
 - Law Enforcement
- Planning studies nearing completion
- Final design nearly complete (U-5526A)
- Design-Build Teams shortlisted (I-5507)
- Final examination of operating costs, revenue, etc. to inform final tolling policy

Questions?

2018 Finance Committee Meeting Dates

David Roy

Proposed Meeting Dates

Wednesday, March 21st

Wednesday, April 18th

Wednesday, June 20th

Wednesday, July 18th

Wednesday, September 19th

Wednesday, October 17th

Wednesday, December 19th
